

DRIVE ROLLERS FOR WIRE FEEDING MECHANISM

Abstract

A wire feeding mechanism for advancing a continuous length of wire along a pathway includes a housing having two roller supports each rotatable about a corresponding axis transverse to a wire pathway. The roller supports are on opposite sides of the pathway and are driveably engaged with each other. A drive roller is on each of the roller supports for rotation therewith. The drive roller includes an outer surface extending circumferentially about the corresponding axis. The outer surface defines a groove having an included angle of less than ninety degrees (90°). The drive roller on each of the roller supports compressively contacts a continuous length of wire between the roller supports such that the wire is advanced along the pathway in response to rotation of the drive rollers.

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